



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DOCKET NO.: A0312.70524US00

Applicant: Christopher M. Mayer  
Serial No: 10/786,968  
Confirmation. No.: 4111  
Filed: February 25, 2004  
For: METHODS AND APPARATUS FOR EARLY LOOP BOTTOM  
DETECTION IN DIGITAL SIGNAL PROCESSORS

Examiner: Not yet assigned  
Art Unit: 2122

---

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 16<sup>th</sup> day of July, 2004.

*Paula K. Fairweather*  
Paula K. Fairweather

---

Mail Stop Missing Parts  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- Part 2 - Notice to File Missing Parts
- Declaration (executed)
- Request for Approval & Entry of Formal Drawings
- 6 Sheets of Formal Drawings (Figs. 1-6)
- Application Data Sheet
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

A check in the amount of \$130.00 is enclosed to cover the late oath or declaration surcharge. If the fee is insufficient, the balance may be charged to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,  
Christopher M. Mayer, Applicant

By: *William R. McClellan*  
William R. McClellan, Reg. No.: 29,409  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2211  
Telephone: (617)720-3500

Docket No. A0312.70524US00  
Date: July 16, 2004  
x07/18/04x



DOCKET NO: A0312.70524US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

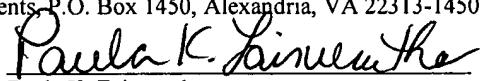
Applicant: Christopher M. Mayer  
Serial No: 10/786,968  
Confirmation No: 4111  
Filing Date: February 25, 2004  
For: METHODS AND APPARATUS FOR EARLY LOOP BOTTOM  
DETECTION IN DIGITAL SIGNAL PROCESSORS

Examiner: Not yet assigned  
Art Unit: 2122

---

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 16<sup>th</sup> day of July, 2004.

  
Paula K. Fairweather

Paula K. Fairweather

---

**Mail Stop Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

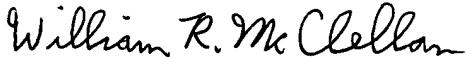
**REQUEST FOR APPROVAL AND ENTRY OF FORMAL DRAWINGS**

Sir:

Enclosed for filing are six (6) sheets of FORMAL DRAWINGS, Figures 1 through 6, for the above-referenced patent application.

The Commissioner is hereby authorized to charge any fees which may be required to  
Deposit Account No. 23/2825.

Respectfully submitted,  
*Christopher M. Mayer, Applicant*



---

William R. McClellan, Reg. No. 29,409  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210  
Telephone: (617) 720-3500

Docket No.: A0312.70524US00

Date: July 16, 2004

X07/18/04X

808431.1



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/786,968	02/25/2004	Christopher Mayer	A0312.70524US00

23628  
 WOLF GREENFIELD & SACKS, PC  
 FEDERAL RESERVE PLAZA  
 600 ATLANTIC AVENUE  
 BOSTON, MA 02210-2211



## CONFIRMATION NO. 4111

## FORMALITIES LETTER



\*OC000000012696476\*

Date Mailed: 05/18/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/21/2004 BABRAHA1 00000072 10786968

01 FC:1051

130.00 OP

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings must be made on paper that has a white background (see 37 CFR 1.84 (e)). For example, drawings on graph paper, lined paper, or paper that has a non-white background are not acceptable. See Figure(s) 1.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Alin

---

## Customer Service Center

Initial Patent Examination Division (703) 308-1202

**PART 2 - COPY TO BE RETURNED WITH RESPONSE**